



Imaging Systems Provide Maps for U.S. Soldiers

Goddard Space Flight Center

***Flight Landata Inc.
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NASA Technology

- ◆ The Landsat program has provided NASA with four decades' worth of data about the Earth's surface
- ◆ Data from the sensors is processed, analyzed, and used to create information-rich images of the planet
- ◆ NASA is continually seeking to advance its remote sensing technology

Partnership

- ◆ Over the last 10 years, Flight Landata has received multiple Small Business Innovative Research (SBIR) awards, including a Phase III SBIR in 2005 that resulted in its 3D imaging technology
- ◆ Flight Landata received a "Tibbets Award" in 2002 and the Army's "Greatest Invention of the Year" award in 2006



Benefits

- ◆ The BuckEye instrument suite provides high-resolution, 3D surface data for tactical missions and intelligence, which (being unclassified) can be used by any soldier on the ground
- ◆ In 5 years, the BuckEye collected 85,000 square kilometers of data over Iraqi urban areas at 1-meter resolution; and in 4 years it collected 40,000 square kilometers of data in Afghanistan